

Claims

1. In a combination of a machine for processing loads, wherein a given load is movable between first and second locations in the machine, and an apparatus for measurement of the weight force of said given load, and a measurement device connected to a data processing device provided for measuring a measurement parameter influenced by the weight force of said given load, the improvement comprising: said measurement device being disposed such that the signal which it develops depends on the weight force of said given load both for when said given load is disposed in the first location and when said given load is disposed in said second location; and said processing device being set up to calculate the weight force of the load taking into account a first signal output from the measurement device when said given load is in the first position and a second signal output from the measurement device when said given load is in the second position.

2. The combination, as defined in claim 1, wherein said processing device is operable so as to calculate the weight force of said given load taking into account known mechanical properties of the machine and taking into account the signals from the measurement device.

3. The combination, as defined in claim 1, wherein said machine includes a frame supported on wheels and a tow-bar carrying a coupling eye at its forward end; and said measurement device being disposed one of between said frame and said wheels, and between said tow-bar and coupling eye.

4. The combination, as defined in claim 1, wherein only a single measurement device is present.

5. The combination, as defined in claim 1, wherein said machine is a combination baler and bale wrapping apparatus

6. The combination, as defined in claim 5, wherein said first location is in said baler and said second location is in said wrapping apparatus.

7. A method for measurement of the weight force of a load processed by a machine for positioning the load at two different locations comprising the following steps:

a) positioning said load in the machine said first position, and measuring a first parameter which is influenced by the weight force of the load;

b) moving said load to said second position in the machine, and measuring a second parameter which is influenced by the weight force of the load; and

c) calculating the weight force of the load, taking into account the first measured parameter and the second measured parameter.

8. The method, as defined in claim 7, wherein said machine is a baler and said load is a bale of agricultural crop material.